# NITFS
# Compliance Registration

**Product:** Electronic Light Table (ELT)/4000, release 2.4 build 18

**Date:** 25 June 2004
**Expiration:** 24 June 2006
**Registration #:** 2033

**Sponsor:** Paragon Imaging

**Developer:** Paragon Imaging

- ☐ Initial Registration
- ☑ Supplemental/Update #
- ☐ Derived from Reg. #

### Complexity Level

**NITF 2.1 CLEVEL**

|            | 3 | 5 | 6 | 7 |
|------------|---|---|---|---|
| Interpret  |   |   |   |   |
| Generate   |   |   |   |   |

**NITF 2.0 CLEVEL**

|            | 1 | 2 | 3 | 4 | 5 | 6 | Oth |
|------------|---|---|---|---|---|---|-----|
| Interpret  |   |   |   |   |   |   |     |
| Generate   |   |   |   |   |   |   |     |

## Configurations Tested:
- Solaris 2.7, 2.8, and 2.9

☐ **System**
N-0105/98, §4.1.1

☑ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

\*\* NITF 2.0 feature
\* NITF 2.1 feature

## NITFS Features Implemented:

**Format**
- NITF
  - ● ● v2.1
  - ● ● v2.0
  - ● v1.1
- NSIF
  - ● ● v1.0

**Pixel Value Types**
- ● ○ Boolean
- ● ◉ Integer
- ● ◉ Signed Integer \*
- ○ ○ IEEE Real \*
- ○ ○ IEEE Complex \*

**Annotation Segment Type**
- ● ○ Bit Mapped \*\*
- ● ◉ CGM, 2301
- ◉ ◉ CGM, 2301A
- ● ○ Labels \*\*

**Text Segments**
- ● ● STA
- ● ○ UT1
- ● ○ U8S
- ◉ ○ MTF

**Image Segment Types**
- ◉ ◉ MONO
- ● ● RGB
- ● ○ RGB/LUT
- ● ● YCbCr
- ◉ ○ MULTI
- ○ ○ NODISPLY
- ○ ○ POLAR

**Image Compression**
- ◉ ◉ Not Compressed
- ● ● JPEG Lossy, 8-bit
- ● ● JPEG Lossy, 12-bit
- ● ● JPEG Downsample
- ● ○ JPEG Lossless
- ○ ○ JPEG 2000
- ● ○ Bi-Level
- ● ○ Vector Quantization
- ◉ ○ Multispectral JPEG, Individual Band

**Data Extension Segments**
- ● ● TRE_OVERFLOW
- ● ● STREAMING_FILE_HEADER
- ● ● Controlled Extensions \*\*
- ● ● Registered Extensions \*\*

**Tagged Record Extensions**
- ● ○ - PIAE
-       - IOMAPA

### Legend

| Interpret | Generate |                          |
|-----------|----------|--------------------------|
| ●         | ●        | Fully implemented        |
| ◉         | ◉        | Partially implemented    |
| ○         | ○        | Not implemented          |

EDWARD E. BOYLES II, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program

*Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.*